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**(88) Date of publication of the international search report:**

20 November 2003

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 01/22306

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 G07F17/12 G06F17/60

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F A47G B65G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
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| X          | EP 0 845 747 A (HITACHI LTD)<br>3 June 1998 (1998-06-03)<br>abstract; figures 1,12<br>column 2, line 15 -column 3, line 21<br>column 4, line 24 -column 5, line 18<br>column 11, line 23 - line 49<br>column 12, line 36 -column 13, line 48<br>--- | 1-71                  |
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| X          | FR 2 621 803 A (MAGNAN JEAN CHARLES)<br>21 April 1989 (1989-04-21)<br>the whole document<br>---<br>-/--   | 1-71                  |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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"&" document member of the same patent family

Date of the actual completion of the international search

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## INTERNATIONAL SEARCH REPORT

International Application No  
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| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT |  |                       |
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| A  | US 5 385 265 A (SCHLAMP HANS)<br>31 January 1995 (1995-01-31)<br>abstract; figures 1,2A<br>----- | 1-71                  |

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 01/22306

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